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EXHIBIT B

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conversion); and (5) where available, performs electrical to optical (E/O) conversion.

5.3.2.2 The Subloop Concentration Multiplexing Functionality may be provided through a Digital Loop Carrier ("DLC") system, multiplexer or other equipment at which traffic is encoded and decoded, multiplexed and demultiplexed, or concentrated.

5.3.3 Technical Requirements

5.3.3.1 The Subloop Concentration Multiplexing Functionality, if deployed, is used to concentrate and or multiplex the Supra Telecom distribution media to the BellSouth feeder media. BellSouth's feeder media can be copper, coaxial (if deployed) or fiber. To the extent unbundling involves "concentration," BellSouth and Supra Telecom will work cooperatively to establish concentration ratios for the specific application within the technical limits that may exist with deployed equipment and facilities. If concentration ratios are established which result in reengineering of the facilities, special construction charges will apply.

5.3.3.2 When BellSouth provides a Subloop Concentration Multiplexing Functionality or Loop repeaters, BellSouth shall provide power for subloop equipment through a non-interruptible source with battery backup unless otherwise mutually agreed upon by the Parties.

5.3.3.3 The Subloop Concentration Multiplexing Functionality shall be provided to Supra Telecom in accordance with applicable industry standard technical references.

5.3.3.4 The Subloop Concentration Multiplexing Functionality shall continuously monitor protected circuit packs and redundant common equipment in the same manner which BellSouth provides such functionality to itself.

5.3.3.5 The redundant common equipment shall also automatically switch to a protection circuit pack on detection of a failure or degradation of normal operation where technically feasible.

5.3.3.6 The Subloop Concentration Multiplexing Functionality shall be capable of performing its functions on the signals needed to provide telecommunications services capable of being transmitted through said Subloop Concentration Multiplexing Functionality.

5.3.3.7 BellSouth shall provide power for the Subloop Concentration Multiplexing Functionality, through a non-interruptible source if the function is performed in a central office, or from a commercial AC

power source with battery backup if the equipment is located outside a central office, where BellSouth provides such functionality to itself.

5.3.3.8 With the Effective Date of this Agreement, Subloop Concentration Multiplexing Functionality, using the Lucent Series 5 equipment, will be offered in two different systems. System A will allow up to 96 of Supra Telecom 's subloops to be concentrated onto multiple DS1s. System B will allow an additional 96 of Supra Telecom's subloops to be concentrated onto multiple DS1s. One System A may be supplemented with one System B and they both must be physically located in a single Series 5 dual channel bank. A minimum of two DS1s is required for each system (i.e., System A requires two DS1s and System B would require an additional two DS1s or four in total). The DS1 level facility that connects the RT site with the BSWC is known as a feeder interface. Except where the Subloop Concentration Multiplexing Functionality is currently combined with other Network Elements. All DS1 Feeder Interfaces will terminate to Supra Telecom 's Collocation Space within the BSWC that serves the RT where Supra Telecom 's subloops are connected. Subloop Concentration Multiplexing Functionality service is offered with or without concentration and with or without a protection DS1. If BellSouth deploys a different technology for Subloop Concentration Multiplexing Functionality in its network, the Parties will negotiate rates, terms and conditions for Supra Telecom's access to such Subloop Concentration Multiplexing Functionality.

5.3.3.9 If technically feasible, BellSouth shall provide Supra Telecom access to the Subloop Concentration Multiplexing Functionality in response to a specific Supra Telecom request. Otherwise, Supra Telecom would be required to place a cross-box, remote terminal, or other similar device and deliver a cable to the BellSouth remote terminal. This cable would be connected, by a BellSouth technician, to a cross-connect panel within the BellSouth RT/cross-box and would allow Supra Telecom 's subloops to then be placed on the Subloop Concentration Multiplexing Functionality.

5.3.3.10 The Subloop Concentration Multiplexing Functionality shall be provided to Supra Telecom in accordance with applicable industry standard technical references.

5.3.3.11 BellSouth shall provide Supra Telecom real time performance and alarm data that may affect Supra Telecom 's traffic, if and when technically feasible and to partition such data for Supra Telecom where feasible.

5.3.3.12 At Supra Telecom 's option BellSouth shall provide Supra Telecom with real time ability to initiate non service-affecting tests on the

underlying device that provides Subloop Concentration Multiplexing Functionality.

5.4 **Subloop Feeder**

5.4.1 Definition

5.4.1.1 The Subloop Feeder is the Network Element that provides connectivity between (1) a FDI associated with Subloop Distribution and a termination point appropriate for the media in a central office, or (2) a Subloop Concentration Multiplexing Functionality provided in a remote terminal and a termination point appropriate for the media in a central office. If technically feasible, BellSouth shall provide Supra Telecom physical access to the FDI, and the right to connect the Subloop Feeder to the FDI in response to a specific Supra Telecom request. Otherwise, BellSouth shall provide the necessary cabling between BellSouth's equipment (i.e., FDI) and Supra Telecom 's equipment.

5.4.1.2 The physical medium of the Subloop Feeder may be copper twisted pair, coaxial (if deployed), or single or multi-mode fiber. In certain cases, BellSouth must provide a copper twisted pair loop even in instances where the medium of the Subloop Feeder for services that BellSouth offers is other than a copper facility, and in such cases, the special construction process will be used to determine the cost of placing new copper facilities.

5.4.2 Requirements for Subloop Feeder

5.4.2.1 The Subloop Feeder shall be capable of transmitting analog voice frequency, basic rate ISDN, digital data, or analog radio frequency signals, where available in BellSouth's network.

5.4.2.2 BellSouth shall provide appropriate power for all active elements in the Subloop Feeder. BellSouth will provide appropriate power from a central office source, or from a commercial AC source with rectifiers for AC to DC conversion and 8-hour battery back-up when the equipment is located in an outside plant RT, where BellSouth provides such functionality to itself.

5.4.3 Additional Requirements for Special Copper Subloop Feeder Medium

5.4.3.1 In addition to requirements set forth in Section 5.4.2 above, and where available in the BellSouth network, Supra Telecom may require BellSouth to provide copper twisted pair Subloop Feeder which are unfettered by any intervening equipment (e.g. filters, load coils, and range extenders), so that Supra Telecom can use these Subloop Feeders for a variety of services by attaching appropriate terminal equipment at the ends.

5.4.4 Additional Technical Requirements for DS1 Conditioned Subloop Feeder

5.4.4.1 In addition to the requirements set forth in this Section and where available in the BellSouth network, Supra Telecom may designate that the Subloop Feeder be conditioned to transport a DS1 signal. The requirements for such transport are defined in the applicable industry standard technical references.

5.4.5 Additional Technical Requirements for Optical Subloop Feeder

5.4.5.1 Where available in BellSouth's network Supra Telecom may designate that Subloop Feeder will transport DS3 and OCn (where n is defined in the industry standard technical reference.). The requirements for such transport are defined in the applicable industry standard technical references.

5.4.6 Interface Requirements

5.4.6.1 If Supra Telecom desires access to unbundled Subloop Feeder in a BellSouth Central Offices, the Subloop Feeder point of termination ("POT") will be as follows:

5.4.6.1.1 Copper twisted pairs shall terminate on the MDF;

5.4.6.1.2 DS1 Subloop Feeder shall terminate on a DSX1, DCS1/0 or DCS3/1; and

5.4.6.1.3 Fiber Optic cable shall terminate on a LGX.

6. SWITCHING CAPABILITIES

6.1 BellSouth shall provide non-discriminatory access to local circuit switching capability, and local tandem switching capability, on an unbundled basis, except as set forth below in Section 6.3 of this Attachment 2, to Supra Telecom for the provision of a telecommunications service. BellSouth shall provide non-discriminatory access to packet switching capability on an unbundled basis to Supra Telecom for the provision of a telecommunications service only in the limited circumstance described in Section 6.10 of this Attachment 2.

6.2 Except as otherwise provided for herein, BellSouth shall not impose any restrictions on Supra Telecom regarding the use of Switching Capabilities purchased from BellSouth provided such use does not result in demonstrable harm to either the BellSouth network or personnel or the use of BellSouth's network by BellSouth or any other telecommunications carrier.

6.3 Local Circuit Switching Capability, including Tandem Switching Capability.

6.3.1 Definition

6.3.1.1 Local Circuit Switching capability is defined as: (A) line-side facilities, which, include but are not limited to, the connection between a loop termination at a main distribution frame and a switch line card; (B) trunk-side facilities, which include, but are not limited to, the connection between trunk termination at a trunk-side cross-connect panel and a switch trunk card; (C) All features, functions, and capabilities of the switch, which include, but are not limited to: (1) the basic switching function of connecting lines to lines, line to trunks, trunks to lines, and trunks to trunks, as well as the same basic capabilities made available to BellSouth's end users, such as a telephone number, white page listings, and dial tone; and (2) all other features that the switch is capable of providing, including but not limited to, customer calling, custom local area signaling service features, and Centrex, as well as any technically feasible customized routing functions provided by the switch; and (D) switching provided by remote switching module functionality is included in Switching Capability. The switching capabilities used will be based on the line side features they support.

6.3.1.2 Notwithstanding BellSouth's general duty to unbundle local circuit switching, BellSouth shall not be required to unbundle local circuit switching for Supra Telecom in cases where Supra Telecom serves a fourth line or more to an end users' physical locations, provided that BellSouth provides nondiscriminatory access to combinations of unbundled loops and transport (also known as enhanced extended link ("EEL")) throughout Density Zone 1, and BellSouth's local circuit switches are located in those locations specified in Sections 6.3.1.2.1 and 6.3.1.2.2 below.

6.3.1.2.1 The top 50 Metropolitan Statistical Areas as set forth in Appendix B of the Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-98, and

6.3.1.2.2 Density Zone 1, as defined in 47 C.F.R. § 69.123, as of January 1, 1999.

6.3.1.2.3 BellSouth will not be allowed to aggregate lines provided to multiple locations of a single customer, within the same MSA, to restrict Supra's ability to purchase local circuit switching at UNE rates to serve any of the lines of that customer.

6.3.1.3 When BellSouth provides the local circuit switching, BellSouth will provide to Supra Telecom, upon request, customized routing (selective

routing) of calls: (i) to a requested directory assistance services platform; (ii) to a requested operator services platform; (iii) for Supra Telecom 's PIC'ed toll traffic in a two (2) PIC environment to an alternative OS/DA platform designated by Supra Telecom or (iv) to a repair center. Supra Telecom end users may use the same dialing arrangements as BellSouth end users. BellSouth shall allow Supra Telecom to commingle local and toll OS and/or DA traffic on existing OS and/or FGD trunks. Customized routing will include but not be limited to the customized routing of inter-switch traffic on a wire center basis to a port other than the standard routing used by BellSouth.

6.3.2 Unbundled Local Switching consists of three separate unbundled elements: Unbundled Ports, End Office Switching Functionality, and End Office Interoffice Trunk Ports.

6.3.2.1 Unbundled Local Switching combined with Common Transport and, if necessary, Tandem Switching provides to Supra's end user local calling and the ability to presubscribe to a primary carrier for intraLATA and/or to presubscribe to a primary carrier for interLATA toll service.

6.3.2.2 Provided that Supra purchases unbundled local switching from BellSouth and uses the BellSouth CIC for its end users' LPIC or if a BellSouth end user selects BellSouth as its LPIC, then the Parties will consider as local any calls originated by a an end user of one Party and terminated to an end user of itself or the other Party where such calls originate and terminate in the same LATA, except for those calls originated and terminated through switched access arrangements (i.e., calls that are transported by a party other than BellSouth). BellSouth will charge Supra the UNE elements for the BellSouth facilities utilized. Neither Party shall bill the other originating or terminating switched access charges for calls that originate and terminate in the same LATA (except for those calls originated and terminated through switched access arrangements) and that use the BellSouth LPIC. Intercarrier compensation for local calls between BellSouth and Supra shall be as described in BellSouth's UNE Local Call Flows 1, 3, 5, 7, 9, 10, 11 and 12 set forth in Exhibit B to this Attachment.

6.3.2.3 Where Supra purchases unbundled local switching from BellSouth but does not use the BellSouth CIC for its end users' LPIC, BellSouth will consider as local those direct dialed telephone calls that originate from a Supra end user and terminate within the basic local calling area or within the extended local calling areas and that are dialed using 7 or 10 digits as defined and specified in Section A3 of BellSouth's General Subscriber Services Tariffs. For such local calls, BellSouth will charge Supra the UNE elements for the BellSouth facilities utilized. Intercarrier compensation for local calls between BellSouth and Supra

shall be as described in BellSouth's UNE Local Call Flows 1, 3, 5, 7, 9, 10, 11 and 12 set forth in Exhibit B to this Attachment.

6.3.2.4 For any calls that originate and terminate through switched access arrangements (i.e., calls that are transported by a party other than BellSouth), BellSouth shall bill Supra the UNE elements for the BellSouth facilities utilized. Each Party may bill the toll provider originating or terminating switched access charges, as appropriate.

6.3.2.5 Reverse billed toll calls, such as intraLATA 800 calls, calling card calls and third party billed calls, where BellSouth is the carrier shall also be considered as local calls and Supra shall not bill BellSouth originating or terminating switched access for such calls.

6.4 **AIN Customized (Selective) Carrier Routing**

6.4.1 BellSouth will provide AIN customized carrier routing at the request of Supra Telecom. AIN customized carrier routing will provide Supra Telecom with the capability of routing operator calls, 0+ and 0- and 0+ NPA (LNPA) 555-1212 directory assistance, 1+411 directory assistance and 611 repair center calls, to pre-selected destinations.

6.4.2 Supra Telecom shall order AIN customized carrier routing through its Account Team. AIN customized carrier routing must first be established regionally and then on a per central office, per state basis.

6.4.3 AIN customized carrier routing is not available in DMS 10 switches.

6.4.4 Where AIN customized carrier routing is utilized by Supra Telecom, the routing of Supra Telecom 's end user calls shall be pursuant to information provided by Supra Telecom and stored in BellSouth's AIN customized carrier routing service control point database. AIN customized carrier routing shall utilize a set of line class codes ("LCCs") unique to a basic class of service assigned on an "as needed" basis. The same LCCs will be assigned in each central office where AIN customized carrier routing is established.

6.4.5 Upon ordering of AIN customized carrier routing regional service, Supra Telecom shall remit to BellSouth the regional service order non-recurring charges set forth in Exhibit A of this Attachment, incorporated herein by this reference. There shall be a non-recurring end office establishment charge per office due at the addition of each central office where AIN customized carrier routing will be utilized. Said non-recurring charge shall be as set forth in Exhibit A of this Attachment, incorporated herein by this reference. For each Supra Telecom end user activated, there shall be a non-recurring end user establishment charge as set forth in Exhibit A of this Attachment, payable to BellSouth pursuant to the terms of this Section 6.4, incorporated herein

by this reference. Supra Telecom shall pay the AIN customized carrier routing per query charge set forth in Exhibit A of this Attachment, incorporated herein by this reference.

6.4.6 The regional service order non-recurring charge will be non-refundable and will be paid with 1/2 coming up-front with the submission of all fully completed required forms, including: Regional Customized Carrier Routing Order Request-Form A, Central Office AIN Customized Carrier Routing Order Request-Form B, AIN_SCR Central Office Identification Form-Form C, AIN_SCR Routing Options Selection Form-Form D, and Routing Combinations Table-Form E. BellSouth has thirty (30) days to respond to the client's fully completed firm order as a regional service order. With the delivery of this firm order response to Supra Telecom , BellSouth considers that the delivery schedule of this service commences. The remaining 1/2 of the regional service order payment must be paid when at least 90% of the central offices listed on the original order have been turned up for the service.

6.4.7 The non-recurring end office establishment charge will be billed to Supra Telecom following BellSouth's normal monthly billing cycle for this type of order.

6.4.8 End user establishment orders will not be turned-up until the second payment is received for the regional service order. The non-recurring end user establishment charges will be billed to Supra Telecom following BellSouth's normal monthly billing cycle for this type of order.

6.4.9 Additionally, the AIN customized carrier routing per query charge will be billed to Supra Telecom following the normal billing cycle for per query charges.

6.4.10 All other network components needed, for example, unbundled switching and unbundled local transport, etc., will be billed accordingly per contracted rates.

6.5 Technical Requirements

6.5.1 Local Switching shall be at least equal to the requirements for Local Switching set forth in the applicable industry standard technical references.

6.5.2 BellSouth's local switch shall maintain translations necessary to direct AIN queries for selected lines and dialing sequences to the Supra Telecom Signaling System 7 ("SS7") network.

6.5.3 BellSouth's local switch shall accept mutually agreeable AIN responses from the Supra Telecom Service Control Point ("SCP") via SS7

network interconnection then continue call handling according to instructions contained in the response.

6.5.4 BellSouth shall provide unbranded recorded announcements and call progress tones to alert callers of call progress and disposition.

6.5.5 BellSouth shall activate service for an Supra Telecom end user or network interconnection on any of the local circuit switching interfaces. This includes provisioning changes to change an end user from BellSouth's services to Supra Telecom 's services without loss of switch feature functionality as defined in this Agreement.

6.5.6 BellSouth shall perform routine testing (e.g., Mechanized Loop Tests ("MLT") and test calls such as 105, 107 and 108 type calls) and fault isolation on a mutually agreed upon schedule.

6.5.7 BellSouth shall repair and restore any equipment or any other maintainable component that may adversely impact local circuit switching.

6.5.8 BellSouth shall control congestion points such as those caused by radio station call-ins, and network routing abnormalities. All traffic shall be restricted in a non-discriminatory manner.

6.5.9 BellSouth shall perform manual call trace and permit end user originated call trace.

6.5.10 For local switching used as 911 Tandems, BellSouth shall allow interconnection from Supra Telecom local switching elements and BellSouth shall route the calls to the appropriate Public Safety Access Point ("PSAP").

6.5.11 Special Services provided by BellSouth will include the following:

6.5.11.1 Essential service lines;

6.5.11.2 Telephone Service Prioritization;

6.5.11.3 Related services for handicapped;

6.5.11.4 Soft dial tone where required by law; and

6.5.11.5 Any other service required by law.

6.5.12 BellSouth shall provide Switching Service Point ("SSP") capabilities and signaling software to interconnect the signaling links destined to the Signaling Transfer Point Switch ("STPS"). These capabilities shall

adhere to the technical specifications set forth in the applicable industry standard technical references.

6.5.13 BellSouth shall provide interfaces to adjuncts in accordance with the technical specifications set forth in the applicable industry standard technical references. These adjuncts can include, but are not limited to, the Service Circuit Node and Automatic Call Distributors.

6.5.14 BellSouth shall provide performance data regarding an end user line, traffic characteristics or other measurable elements to Supra Telecom , upon a reasonable request from Supra Telecom. Supra Telecom will pay BellSouth for all costs incurred to provide such performance data through the process set forth in Supra Telecom Section 13 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

6.5.15 BellSouth shall offer to Supra Telecom all AIN triggers which are supported by BellSouth for offering AIN-based services in accordance with the technical specifications set forth in the applicable industry standard technical references. Triggers that are currently available include:

6.5.15.1 Off-Hook Immediate,

6.5.15.2 Off-Hook Delay,

6.5.15.3 Termination Attempt,

6.5.15.4 3/6/10 Public Office Dialing Plan,

6.5.15.5 Feature Code Dialing,

6.5.15.6 Customer Dialing Plan.

6.5.16 When additional triggers are supported by BellSouth, BellSouth will make these triggers available to Supra Telecom :

6.5.16.1 Private EAMF Trunk,

6.5.16.2 Shared Interoffice Trunk (EAMF, SS7),

6.5.16.3 N11,

6.5.16.4 Automatic Route Selection.

6.5.17 If a Supra Telecom end user subscribes to Supra Telecom provided voice mail and messaging services, BellSouth shall redirect incoming calls to the Supra Telecom system based upon presubscribed service

arrangements (e.g., busy, don't answer, number of rings) through dedicated trunks provided by Supra Telecom. SMDI-E, IVMS, and any other corresponding signaling associated with voice mail messaging shall not be included within the cost of the UNE switching port. The appropriate rates are those found in the BellSouth tariff.

6.6 **Tandem Switching**

6.6.1 Definition

6.6.1.1 The Tandem Switching Capability is defined as:

6.6.1.1.1 Trunk-connect facilities, which include, but are not limited to, the connection between trunk termination at a cross connect panel and switch trunk card;

6.6.1.1.2 The basic switch trunk function of connecting trunks to trunks; and

6.6.1.1.3 The functions that are centralized in tandem switches (as distinguished from separate end office switches), including but not limited, to call recording, the routing of calls to operator services, and signaling conversion features.

6.6.1.2 BellSouth shall perform routine testing and fault isolation on the underlying switch that is providing Tandem Switching and all its interconnections. When requested by Supra Telecom , the results and reports of the testing shall be made immediately available to Supra Telecom .

6.6.1.3 BellSouth shall maintain Supra Telecom 's trunks and interconnections associated with Tandem Switching at least at parity to its own trunks and interconnections.

6.6.1.4 BellSouth shall control congestion points and network abnormalities. Congestion control provided or imposed on Supra Telecom traffic shall be at parity with controls being provided or imposed on BellSouth traffic (e.g., BellSouth shall not block Supra Telecom traffic and leave its traffic unaffected or less affected).

6.6.1.5 Tandem Switching shall process originating toll-free traffic received from an Supra Telecom local switch.

6.6.1.6 In support of AIN triggers and features, Tandem Switching shall provide SSP capabilities when these capabilities are not available from the Local Switching Network Element, to the extent such Tandem Switch has such capability.

6.6.1.7 The Local Switching and Tandem Switching functions may be combined in an office. If this is done, both Local Switching and Tandem switching shall provide all of the functionality required of each of those Network Elements in this Agreement.

6.7 **Interface Requirements**

6.7.1 Tandem Switching shall provide interconnection to the E911 PSAP where the underlying Tandem is acting as the E911 Tandem.

6.7.2 Tandem Switching shall interconnect, with direct trunks, to all carriers with which BellSouth interconnects.

6.7.3 BellSouth shall provide all signaling necessary to provide Tandem Switching with no loss of feature functionality.

6.7.4 Tandem Switching shall interconnect with Supra Telecom 's switch, using two-way trunks, for traffic that is transiting via BellSouth network to interLATA or intraLATA carriers. At Supra Telecom 's request, Tandem Switching shall record and keep records of traffic for billing.

6.8 **High Frequency Spectrum Network Element**

6.8.1 General

6.8.2 BellSouth shall provide Supra Telecom access to the high frequency spectrum of the local loop as an unbundled network element only where BellSouth is the voice service provider to the end user at the rates set forth in this Attachment.

6.8.2.1 The High Frequency Spectrum is defined as the frequency range above the voiceband on a copper loop facility carrying analog circuit-switched voiceband transmissions. Access to the High Frequency Spectrum is intended to allow Supra Telecom the ability to provide Digital Subscriber Line ("xDSL") data services to the end user for which BellSouth provides voice services. The High Frequency Spectrum shall be available for any version of xDSL complying with Spectrum Management Class 5 of ANSI T1.417, American National Standard for Telecommunications, Spectrum Management for Loop Transmission Systems. BellSouth will continue to have access to the low frequency portion of the loop spectrum (from 300 Hertz to at least 3000 Hertz, and potentially up to 3400 Hertz, depending on equipment and facilities) for the purposes of providing voice service. Supra Telecom shall only use xDSL technology that is within the PSD mask for Spectrum Management Class 5 as found in the above-mentioned document.

6.8.3 Access to the High Frequency Spectrum requires an unloaded, 2-wire copper Loop. An unloaded Loop is a copper Loop with no load coils, low-pass filters, range extenders, DAMLs, or similar devices and minimal bridged taps consistent with ANSI T1.413 and T1.601.

6.8.4 BellSouth will provide Loop Modification to Supra Telecom on an existing Loop in accordance with procedures developed in the Line Sharing Collaborative. High Frequency Spectrum (Central Office Based) Unbundled Loop Modification is a separate distinct service from Unbundled Loop Modification set forth in Section 6.10 of this Attachment. Procedures for High Frequency Spectrum (Central Office Based) Unbundled Loop Modification were developed in the Line Sharing Collaborative and may be found posted to the web at http://www.interconnection.bellsouth.com/html/unes.html. Nonrecurring rates for this UNE offering may be found in Exhibit A of this Attachment. BellSouth is not required to modify a Loop for access to the High Frequency spectrum if modification of that Loop significantly degrades BellSouth's voice service. If Supra Telecom requests that BellSouth modify a Loop longer than 18,000 ft. and such modification significantly degrades the voice services on the Loop, Supra Telecom shall pay for the Loop to be restored to its original state.

6.9 **Provisioning of High Frequency Spectrum and Splitter Space**

6.9.1 BellSouth will provide Supra Telecom with access to the High Frequency Spectrum as follows:

6.9.1.1 To order High Frequency Spectrum on a particular Loop, Supra Telecom must have a Digital Subscriber Line Access Multiplexer (DSLAM) collocated in the central office that serves the end-user of such Loop.

6.9.1.2 Supra Telecom may provide its own splitters or may order splitters in a central office once it has installed its DSLAM in that central office. BellSouth will install splitters within thirty-six (36) calendar days of Supra Telecom's submission of an error free Line Splitter Ordering Document ("LSOD") to the BellSouth Complex Resale Support Group.

6.9.1.3 Once a splitter is installed on behalf of Supra Telecom in a central office in which Supra Telecom is located, Supra Telecom shall be entitled to order the High Frequency Spectrum on lines served out of that central office. BellSouth will bill and Supra Telecom shall pay the electronic or manual ordering charges as applicable when Supra Telecom orders High Frequency Spectrum for end-user service.

6.9.1.4 BellSouth will select, purchase, install, and maintain a central office POTS splitter and provide Supra Telecom access to data ports on the splitter. The splitter will route the High Frequency Spectrum on the circuit to Supra Telecom's xDSL equipment in Supra Telecom's collocation space. At least 30 days before making a change in splitter suppliers, BellSouth will provide Supra Telecom with a carrier notification letter, informing Supra Telecom of change. Supra Telecom shall purchase ports on the splitter in increments of 8 or 24 ports.

6.9.1.5 BellSouth will install the splitter in (i) a common area close to Supra Telecom's collocation area, if possible; or (ii) in a BellSouth relay rack as close to Supra Telecom's DS0 termination point as possible. Supra Telecom shall have access to the splitter for test purposes, regardless of where the splitter is placed in the BellSouth premises. For purposes of this section, a common area is defined as an area in the central office in which both Parties have access to a common test access point. A Termination Point is defined as the point of termination for Supra Telecom on the toll main distributing frame in the central office and is not the demarcation point set forth in Attachment 4 of this Agreement. BellSouth will cross-connect the splitter data ports to a specified Supra Telecom DS0 at such time that a Supra Telecom end user's service is established.

6.9.1.6 Supra Telecom may at its option purchase, install and maintain central office POTS splitters in its collocation arrangements. Supra Telecom may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures shall apply.

6.9.1.7 Any splitters installed by Supra Telecom in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. Supra Telecom may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate.

6.9.1.8 The High Frequency Spectrum shall only be available on Loops on which BellSouth is also providing, and continues to provide, analog voice service directly to the end user. In the event the end-user terminates its BellSouth provided voice service for any reason, or in the event BellSouth disconnects the end user's voice service pursuant to its tariffs or applicable law, and Supra Telecom desires to continue providing xDSL service on such Loop, Supra Telecom shall be required to purchase a full stand-alone Loop unbundled network element. To the extent commercially practicable, BellSouth shall give Supra Telecom notice in a reasonable time prior to disconnect, which notice shall give Supra Telecom an adequate opportunity to notify BellSouth of its intent to purchase such Loop. In those cases in which

BellSouth no longer provides voice service to the end user and Supra Telecom purchases the full stand-alone Loop, Supra Telecom may elect the type of loop it will purchase. Supra Telecom will pay the appropriate recurring and non-recurring rates for such Loop as set forth in Exhibit A to this Attachment. In the event Supra Telecom purchases a voice grade Loop, Supra Telecom acknowledges that such Loop may not remain xDSL compatible.

6.9.1.9 Only one competitive local exchange carrier shall be permitted access to the High Frequency Spectrum of any particular loop.

6.9.2 **Ordering**

6.9.2.1 Supra Telecom shall use BellSouth's Line Splitter Ordering Document ("LSOD") to order splitters from BellSouth and to activate and deactivate DS0 Collocation Connecting Facility Assignments (CFA) for use with High Frequency Spectrum.

6.9.2.2 BellSouth will provide Supra Telecom the Local Service Request ("LSR") format to be used when ordering the High Frequency Spectrum.

6.9.2.2.1 BellSouth will provision High Frequency Spectrum in compliance with BellSouth's Products and Services Interval Guide available at the website at http://www.interconnection.bellsouth.com.

6.9.2.2.2 BellSouth will provide Supra Telecom access to Preordering Loop Makeup (LMU), in accordance with the terms of this Agreement. BellSouth shall bill and Supra Telecom shall pay the rates for such services, as described in Exhibit A.

6.9.2.2.3 BellSouth shall test the data portion of the loop to ensure the continuity of the wiring for Supra Telecom's data.

6.9.3 **Maintenance and Repair**

6.9.3.1 Supra Telecom shall have access for repair and maintenance purposes, to any loop for which it has access to the High Frequency Spectrum. If Supra Telecom is using a BellSouth owned splitter, Supra Telecom may access the loop at the point where the combined voice and data signal exits the central office splitter via a bantam test jack. If Supra Telecom provides its own splitter, it may test from the collocation space or the Termination Point.

6.9.3.2 BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer's premises and the Termination Point. Supra Telecom will be

responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

6.9.3.3 Supra Telecom shall inform its end users to direct data problems to Supra Telecom, unless both voice and data services are impaired, in which event the end users should call BellSouth.

6.9.3.4 Once a Party has isolated a trouble to the other Party's portion of the loop, the Party isolating the trouble shall notify the end user that the trouble is on the other Party's portion of the Loop.

6.9.3.5 Notwithstanding anything else to the contrary in this Agreement, when BellSouth receives a voice trouble and isolates the trouble to the physical collocation arrangement belonging to Supra Telecom, BellSouth will notify Supra Telecom. Supra Telecom will provide no more than two (2) verbal connecting facility assignments (CFA) pair changes to BellSouth in an attempt to resolve the voice trouble. In the event a CFA pair change resolves the voice trouble, Supra Telecom will provide BellSouth an LSR with the new CFA pair information within 24 hours. If the owner of the collocation space fails to resolve the trouble by providing BellSouth with the verbal CFA pair changes, BellSouth may discontinue Supra Telecom's access to the High Frequency Spectrum on such loop. BellSouth will not be responsible for any loss of data as a result of this action.

6.9.4 **Line Splitting**

6.9.4.1 General

6.9.4.2 Line Splitting allows a provider of data services (a "Data LEC") and a provider of voice services (a "Voice CLEC") to deliver voice and data service to end users over the same loop. The Voice CLEC and Data LEC may be the same or different carriers. Supra Telecom shall provide BellSouth with a signed Letter of Authorization ("LOA") between it and the Data LEC or Voice CLEC with which it desires to provision Line Splitting services.

6.9.4.3 The splitter may be provided by the Data LEC, Voice CLEC or BellSouth. When Supra Telecom or its authorized agent owns the splitter, Line Splitting requires the following: a non-designed analog loop from the serving wire center to the network interface device (NID) at the end user's location; a collocation cross connection connecting the loop to the collocation space; a second collocation cross connection from the collocation space connected to a voice port; and a splitter. The loop and port cannot be a loop and port combination (i.e. UNE-P), but must be individual stand-alone network elements. When BellSouth owns the splitter, Line Splitting requires the following: a non

designed analog loop from the serving wire center to the network interface device (NID) at the end user's location with CFA and splitter port assignments, and a collocation cross connection from the collocation space connected to a voice port.

6.9.4.4 An unloaded 2-wire copper loop must serve the end user. The meet point for the Voice CLEC and the Data LEC is the point of termination on the MDF for the Data LEC's cable and pairs.

6.9.4.5 End Users currently receiving voice service from a Voice CLEC through a UNE platform (UNE-P) may be converted to Line Splitting arrangements by Supra Telecom or its authorized agent ordering Line Splitting Service. If the CLEC wishes to provide the splitter, the UNE-P arrangement will be converted to a stand-alone UNE loop, a UNE port and two collocation cross connects. If BellSouth owns the splitter, the UNE-P arrangement will be converted to a stand-alone UNE loop, port, and one collocation cross connection.

6.8.2.1 When end users using High Frequency Spectrum CO Based line sharing service convert to Line Splitting, BellSouth will discontinue billing for the upper spectrum. BellSouth will continue to bill the Data LEC for all associated splitter charges if the Data LEC continues to use a BellSouth splitter. It is the responsibility of Supra Telecom or its authorized agent to determine if the loop is compatible for Line Splitting Service. Supra Telecom or its authorized agent may use the existing loop unless it is not compatible with the Data LEC's data service and Supra Telecom or its authorized agent submits an LSR to BellSouth to change the loop.

6.8.2.2 The foregoing procedures are applicable to migration to Line Splitting Service from a UNE-P arrangement. Where a UNE-P arrangement does not already exist, BellSouth will work cooperatively with CLECs to develop methods and procedures to develop a process whereby a Voice CLEC and a Data LEC may provide services over the same loop.

6.9.4.6 **Ordering**

6.9.4.6.1 Supra Telecom shall use BellSouth's Line Splitter Ordering Document ("LSOD") to order splitters from BellSouth and to activate and deactivate DS0 Collocation Connecting Facility Assignments (CFA) for use with Line Splitting.

6.9.4.6.2 BellSouth shall provide Supra Telecom the Local Service Request ("LSR") format to be used when ordering Line Splitting service.

6.9.4.6.3 BellSouth will provision Line Splitting service in compliance with BellSouth's Products and Services Interval Guide available at the website at http://www.interconnection.bellsouth.com.

6.9.4.6.4 BellSouth will provide Supra Telecom access to Preordering Loop Makeup (LMU) in accordance with the terms of this Agreement. BellSouth shall bill and Supra Telecom shall pay the rates for such services as described in Exhibit A.

6.9.4.6.5 BellSouth will provide loop modification to Supra Telecom on an existing loop in accordance with procedures developed in the Line Sharing Collaborative. High Frequency Spectrum (CO Based) Unbundled Loop Modification is a separate distinct service from Unbundled Loop Modification set forth in Section 6.11 of this Attachment. Procedures for High Frequency Spectrum (CO Based) Unbundled Loop Modification may be found on the web at: HTTP://www.interconnection.bellsouth.com/html/unes.html. Nonrecurring rates for this UNE offering may be found in Exhibit A of this Attachment.

6.9.4.7 **Maintenance**

6.9.4.7.1 BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer's premises and the Termination Point. Supra Telecom will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

6.9.4.7.2 Supra Telecom shall inform its end users to direct data problems to Supra Telecom, unless both voice and data services are impaired, in which event the end users should call BellSouth.

6.9.4.7.3 Once a Party has isolated a trouble to the other Party's portion of the loop, the Party isolating the trouble shall notify the end user that the trouble is on the other Party's portion of the Loop.

6.9.4.7.4 When BellSouth receives a voice trouble and isolates the trouble to the physical collocation arrangement belonging to owner of the collocation space, BellSouth will notify the owner of the collocation space. The owner of the collocation space will provide no more than two (2) verbal CFA pair changes to BellSouth in an attempt to resolve the voice trouble. In the event the CFA pair is changed, the owner of the collocation space will provide BellSouth an LSR with the new CFA pair information within 24 hours. If the owner of the collocation space fails to resolve the trouble by providing BellSouth with the verbal CFA pair changes, BellSouth may discontinue the owner of the collocation space access to the High Frequency Spectrum on such loop.

6.9.4.7.5 If Supra Telecom is not the data provider, Supra Telecom shall indemnify, defend and hold harmless BellSouth from and against any claims, losses, actions, causes of action, suits, demands, damages, injury, and costs including reasonable attorney fees which arise out of actions related to the data provider.

6.9.5 **Remote Site High Frequency Spectrum**

6.9.5.1 General

6.9.5.1.1 BellSouth shall provide Supra Telecom access to the high frequency spectrum of the local sub-loop as an unbundled network element (UNE) only where BellSouth is the voice service provider to the end user at the rates set forth in this Attachment.

6.9.5.2 The High Frequency Spectrum is defined as the frequency range above the voiceband on a copper loop facility carrying analog circuit-switched voiceband transmissions. Access to the High Frequency Spectrum is intended to allow Supra Telecom the ability to provide Digital Subscriber Line ("xDSL") data services to the end user for which BellSouth provides voice services. The High Frequency Spectrum shall be available for any version of xDSL complying with Spectrum Management Class 5 of ANSI T1.417, American National Standard for Telecommunications, Spectrum Management for Loop Transmission Systems. BellSouth will continue to have access to the low frequency portion of the loop spectrum (from 300 Hertz to at least 3000 Hertz, and potentially up to 3400 Hertz, depending on equipment and facilities) for the purposes of providing voice service. Supra Telecom shall only use xDSL technology that is within the PSD mask for Spectrum Management Class 5 as found in the above-mentioned document.

6.9.5.3 Access to the High Frequency Spectrum requires an unloaded, 2-wire (Non-Designed) copper sub loop. A unloaded Cooper sub loop has no load coils, low-pass filters, range extenders, DAMLs, or similar devices and minimal bridged taps consistent with ANSI T1.413 and T1.601.

6.9.5.4 BellSouth will provide Loop Modification to Supra Telecom on an existing Loop in accordance with procedures developed in the Line Sharing Collaborative. Procedures for High Frequency Spectrum (Remote Site) Unbundled Loop Modification were developed in the Line Sharing Collaborative and may be found posted to the web at http://www.interconnection.bellsouth.com/html/unes.html. Nonrecurring rates for this UNE offering may be found in Exhibit A of this Attachment. BellSouth is not required to modify a Loop for access to the High Frequency spectrum if modification of that Loop significantly degrades BellSouth's voice service. If Supra Telecom

requests modifications on a sub loop longer than 18,000 ft. and requested modifications significantly degrades the voice services on the loop, Supra Telecom shall pay for the loop to be restored to its original state.

6.9.5.5 Provisioning of High Frequency Spectrum and Splitter Space

6.9.5.5.1 BellSouth will provide Supra Telecom with access to the High Frequency Spectrum as follows:

6.9.5.5.1.1 To order High Frequency Spectrum on a particular Loop, Supra Telecom must have a Digital Subscriber Line Access Multiplexer (DSLAM) collocated at the remote site that serves the end-user of such Loop.

6.9.5.5.1.2 Supra Telecom may provide its own splitters or may order splitters in a remote site once the Supra Telecom has installed its DSLAM at that remote site. BellSouth will install splitters within thirty-six (36) calendar days of Supra Telecom's submission of an error free Line Splitter Ordering Document ("LSOD") to the BellSouth Complex Resale Support Group.

6.9.5.5.1.3 Once a splitter is installed on behalf of Supra Telecom in a remote site in which Supra Telecom is located, Supra Telecom shall be entitled to order the High Frequency Spectrum on lines served out of that remote site. BellSouth will bill and Supra Telecom shall pay applicable for High Frequency Spectrum end-user activation.

6.9.6 **BellSouth Owned Splitter**

6.9.6.1 BellSouth will select, purchase, install and maintain a splitter at the remote site. The Supra Telecom's meet point is at the BellSouth "cross connect" point located at the Feeder Distribution Interface (FDI). The Supra Telecom will provide a cable facility to the BellSouth FDI. BellSouth will splice the Supra Telecom's cable to BellSouth's spare binding post in the FDI and use "cross connects" to connect the Supra Telecom's cable facility to the BellSouth splitter. The splitter will route the high frequency portion of the circuit to the Supra Telecom's xDSL equipment in their collocation space. Access to the high frequency spectrum is not compatible with foreign exchange (FX) lines, ISDN, and other services listed in the technical section of this document.

6.9.6.2 The BellSouth splitter bifurcates the digital and voice band signals. The low frequency voice band portion of the circuit is routed back to the BellSouth switch. The high frequency digital traffic portion of the circuit is routed to the xDSL equipment in the Supra Telecom's Remote Terminal (RT) collocation space and routed back to the Supra Telecom's network. At least 30 business days before making a

change in splitter suppliers, BellSouth will provide Supra Telecom with a carrier notification letter, informing Supra Telecom of change. Supra Telecom shall purchase ports on the splitter in increments of 24 ports.

6.9.6.3 BellSouth will install the splitter in (i) a common area close to Supra Telecom's collocation area, if possible; or (ii) in a BellSouth relay rack as close to Supra Telecom's DS0 termination point as possible. Supra Telecom shall have access to the splitter for test purposes, regardless of where the splitter is placed in the BellSouth premises. For purposes of this section, a common area is defined as an area in the remote site in which both Parties have access to a common test access point. BellSouth will cross-connect the splitter data ports to a specified Supra Telecom DS0 at such time that a Supra Telecom end user's service is established.

6.9.7 **CLEC Owned Splitter**

6.9.7.1 Supra Telecom may at its option purchase, install and maintain splitters in its collocation arrangements. Supra Telecom may use such splitters for access to its customers and to provide digital line subscriber services to its customers using the High Frequency Spectrum. Existing Collocation rules and procedures shall apply. The CLEC will be required to activate cable pairs in no less than 8 (eight) pair increments.

6.9.7.2 Any splitters installed by Supra Telecom in its collocation arrangement shall comply with ANSI T1.413, Annex E, or any future ANSI splitter Standards. Supra Telecom may install any splitters that BellSouth deploys or permits to be deployed for itself or any BellSouth affiliate.

6.9.7.3 The High Frequency Spectrum shall only be available on sub-loops provided by BellSouth that continues to provide, analog voice service directly to the end user. In the event the end-user terminates its BellSouth provided voice service for any reason, or in the event BellSouth disconnects the end user's voice service pursuant to its tariffs or applicable law, and Supra Telecom desires to continue providing xDSL service on such sub-loop, Supra Telecom shall be required to purchase a full stand-alone sub-loop. To the extent commercially practicable, BellSouth shall give Supra Telecom notice in a reasonable time prior to disconnect, which notice shall give Supra Telecom an adequate opportunity to notify BellSouth of its intent to purchase such sub-loop. In those cases where BellSouth no longer provides voice service to the end user and Supra Telecom purchases the full stand-alone sub-loop, Supra Telecom may elect the type of sub-loop it will purchase. Supra Telecom will pay the appropriate recurring and non-recurring rates for such sub-loop as set forth in Exhibit A to this Attachment. In the event Supra Telecom purchases a

voice grade Loop, Supra Telecom acknowledges that such sub-loop may not remain xDSL compatible.

6.9.7.4 Only one competitive local exchange carrier shall be permitted access to the High Frequency Spectrum of any particular loop.

6.9.7.5 **Ordering**

6.9.7.5.1 Supra Telecom shall use BellSouth's Remote Splitter Ordering Document ("RSOD") to order and activate splitters from BellSouth or to activate CLEC owned splitters at an RT for use with High Frequency Spectrum.

6.9.7.5.2 BellSouth will provide Supra Telecom the Local Service Request ("LSR") format to be used when ordering the High Frequency Spectrum.

6.9.7.5.3 BellSouth will provision High Frequency Spectrum in compliance with BellSouth's Products and Services Interval Guide available at the website at http://www.interconnection.bellsouth.com.

6.9.7.5.4 BellSouth will provide Supra Telecom access to Preordering Loop Makeup (LMU), in accordance with the terms of this Agreement. BellSouth shall bill and Supra Telecom shall pay the rates for such services as described in Exhibit A.

6.9.7.5.5 BellSouth shall test the data portion of the loop to ensure the continuity of the wiring for Supra Telecom's data.

6.9.7.6 **Maintenance and Repair**

6.9.7.6.1 Supra Telecom shall have access for repair and maintenance purposes, to any loop for which it has access to the High Frequency Spectrum. If Supra Telecom is using a BellSouth owned splitter, Supra Telecom may access the loop at the point where the data signal exits. If Supra Telecom provides its own splitter, it may test from the collocation space or the Termination Point.

6.9.7.6.2 BellSouth will be responsible for repairing voice services and the physical line between the network interface device at the customer's premises and the Termination Point. Supra Telecom will be responsible for repairing data services. Each Party will be responsible for maintaining its own equipment.

6.9.7.6.3 Supra Telecom shall inform its end users to direct data problems to Supra Telecom, unless both voice and data services are impaired, in which event the end users should call BellSouth.

6.9.7.6.4 Once a Party has isolated a trouble to the other Party's portion of the loop, the Party isolating the trouble shall notify the end user that the trouble is on the other Party's portion of the Loop.

6.9.7.6.5 Notwithstanding anything else to the contrary in this Agreement, when BellSouth receives a voice trouble and isolates the trouble to the physical collocation arrangement belonging to Supra Telecom, BellSouth will notify Supra Telecom. Supra Telecom will provide no more than two (2) verbal connecting facility assignments (CFA) pair changes to BellSouth in an attempt to resolve the voice trouble. In the event a CFA pair change resolves the voice trouble, Supra Telecom will provide BellSouth an LSR with the new CFA pair information within 24 hours. If the owner of the collocation space fails to resolve the trouble by providing BellSouth with the verbal CFA pair changes, BellSouth may discontinue Supra Telecom's access to the High Frequency Spectrum on such loop. BellSouth will not be responsible for any loss of data as a result of this action.

6.10 **Packet Switching**

6.10.1 Definition

6.10.1.1 Packet Switching Capability. The packet switching capability Network Element is defined as the basic packet switching function of routing or forwarding packets, frames, cells or other data units based on address or other routing information contained in the packets, frames, cells or other data units, and the functions that are performed by Digital Subscriber Line Access Multiplexer, including but not limited to:

6.10.1.1.1 The ability to terminate copper customer loops (which includes both a low band voice channel and a high-band data channel, or solely a data channel);

6.10.1.1.2 The ability to forward the voice channels, if present, to a circuit switch or multiple circuit switches;

6.10.1.1.3 The ability to extract data units from the data channels on the loops, and

6.10.1.1.4 The ability to combine data units from multiple loops onto one or more trunks connecting to a packet switch or packet switches.

6.10.1.2 BellSouth shall be required to provide nondiscriminatory access to unbundled packet switching capability only where each of the following conditions are satisfied:

6.10.1.2.1 BellSouth has deployed digital loop carrier systems, including but not limited to, integrated digital loop carrier or universal digital loop carrier

systems; or has deployed any other system in which fiber optic facilities replace copper facilities in the distribution section (e.g., end office to remote terminal, pedestal or environmentally controlled vault);

6.10.1.2.2 There are no spare copper loops capable of supporting the xDSL services Supra Telecom seeks to offer;

6.10.1.2.3 BellSouth has not permitted Supra Telecom to deploy a Digital Subscriber Line Access Multiplexer at the remote terminal, pedestal or environmentally controlled vault or other interconnection point, nor has the Supra Telecom obtained a virtual collocation arrangement at these subloop interconnection points as defined by 47 C.F.R. § 51.319(b); and

6.10.1.2.4 BellSouth has deployed packet switching capability for its own use.

6.10.1.3 If there is a dispute as to whether BellSouth must provide Packet Switching, such dispute will be resolved according to the dispute resolution process set forth in Section 16 of the General Terms and Conditions of this Agreement, incorporated herein by this reference.

6.11 **Unbundled Loop Modifications (Line Conditioning)**

6.11.1 Line Conditioning is defined as the removal from the Loop of any devices that may diminish the capability of the Loop to deliver high-speed switched wireline telecommunications capability, including xDSL service. Such devices include, but are not limited to, load coils, bridged taps, low pass filters, and range extenders.

6.11.2 BellSouth shall condition Loops, as requested by Supra Telecom, whether or not BellSouth offers advanced services to the End User on that Loop.

6.11.3 In some instances, Supra Telecom will require access to a copper twisted pair loop unfettered by any intervening equipment (e.g., filters, load coils, range extenders, etc.), so that Supra Telecom can use the loop for a variety of services by attaching appropriate terminal equipment at the ends. Supra Telecom will determine the type of service that will be provided over the loop. BellSouth's Unbundled Loop Modifications (ULM) process will be used to determine the costs and feasibility of conditioning the loops as requested. Rates for ULM are as set forth in Exhibit A of this Attachment.

6.11.4 In those cases where Supra Telecom has requested that BellSouth modify a Loop so that it no longer meets the technical parameters of the original Loop type (e.g., voice grade, ISDN, ADSL, etc.) the resulting modified Loop will be ordered and maintained as a UCL.

6.11.5 The Unbundled Loop Modifications (ULM) offering provides the following elements: 1) removal of devices on 2-wire or 4-wire Loops equal to or less than 18,000 feet; 2) removal of devices on 2-wire or 4-wire Loops longer than 18,000 feet; and 3) removal of bridged-taps on loops of any length.

6.11.6 Supra Telecom shall request Loop make up information pursuant to this Attachment prior to submitting a service inquiry and/or a LSR for the Loop type that Supra Telecom desires BellSouth to condition.

6.12 **Loop Makeup (LMU)**

6.12.1 Description of Service

6.12.1.1 BellSouth shall make available to Supra Telecom (LMU) information so that Supra Telecom can make an independent judgment about whether the Loop is capable of supporting the advanced services equipment Supra Telecom intends to install and the services Supra Telecom wishes to provide. This section addresses LMU as a preordering transaction, distinct from Supra Telecom ordering any other service(s). Loop Makeup Service Inquiries (LMUSI) for preordering loop makeup are likewise unique from other preordering functions with associated service inquiries (SI) as described in this Agreement.

6.12.1.2 BellSouth will provide Supra Telecom LMU information consisting of the composition of the loop material (copper/fiber); the existence, location and type of equipment on the Loop, including but not limited to digital loop carrier or other remote concentration devices, feeder/distribution interfaces, bridged taps, load coils, pair-gain devices; the loop length; the wire gauge and electrical parameters.

6.12.1.3 BellSouth's LMU information is provided to Supra Telecom as it exists either in BellSouth's databases or in its hard copy facility records. BellSouth does not guarantee accuracy or reliability of the LMU information provided.

6.12.1.4 BellSouth's provisioning of LMU information to the requesting CLEC on facilities is contingent upon either BellSouth or the requesting CLEC owning the loop(s) that serve the service location for which LMU information has been requested by the CLEC. The requesting CLEC is not authorized to receive LMU information on a facility owned by another CLEC unless BellSouth receives a Letter of Authorization (LOA) from the voice CLEC (owner) or its authorized agent on the LMUSI (Loop Makeup Service Inquiry) submitted by the requesting CLEC.

6.12.1.5 Supra Telecom may choose to use equipment that it deems will enable it to provide a certain type and level of service over a particular BellSouth Loop. The determination shall be made solely by Supra Telecom and BellSouth shall not be liable in any way for the performance of the advanced data services provisioned over said Loop. The specific Loop type (ADSL, HDSL, or otherwise) ordered on the LSR must match the LMU of the loop reserved taking into consideration any requisite line conditioning. The LMU data is provided for informational purposes only and does not guarantee Supra Telecom's ability to provide advanced data services over the ordered loop type. Further, if Supra Telecom orders loops that are not intended to support advanced services (such as UV-SL1, UV-SL2, or ISDN compatible loops) and that are not inventoried as advanced services loops, the LMU information for such loops is subject to change at any time due to modifications and/or upgrades to BellSouth's network. Supra Telecom is fully responsible for any of its service configurations that may differ from BellSouth's technical standard for the loop type ordered.

6.12.2 **Submitting Loop Makeup Service Inquiries**

6.12.2.1 Supra Telecom may obtain LMU information by submitting a LMU Service Inquiry (LMUSI) mechanically or manually. Mechanized LMUSIs should be submitted through BellSouth's Operational Support Systems interfaces. After obtaining the Loop information from the mechanized LMUSI process, if Supra Telecom needs further loop information in order to determine loop service capability, Supra Telecom may initiate a separate Manual Service Inquiry for a separate nonrecurring charge as set forth in Exhibit A of this Attachment.

6.12.2.2 Manual LMUSIs shall be submitted by electronic mail to BellSouth's Complex Resale Support Group (CRSG) utilizing the Preordering Loop Makeup Service Inquiry form. The service interval for the return of a Loop Makeup Manual Service Inquiry is three business days. Manual LMUSIs are not subject to expedite requests. This service interval is distinct from the interval applied to the subsequent service order.

6.12.3 **Loop Reservations**

6.12.3.1 For a Mechanized LMUSI, Supra Telecom may reserve up to ten Loop facilities. For a Manual LMUSI, Supra Telecom may reserve up to three Loop facilities.

6.12.3.2 Supra Telecom may reserve facilities for up to four (4) business days for each facility requested on a LMUSI from the time the LMU information is returned to Supra Telecom. During and prior to Supra Telecom placing an LSR, the reserved facilities are rendered

unavailable to other customers, including BellSouth. If Supra Telecom does not submit an LSR for a UNE service on a reserved facility within the four-day reservation timeframe, the reservation of that spare facility will become invalid and the facility will be released.

6.12.3.3 Charges for preordering LMUSI are separate from any charges associated with ordering other services from BellSouth.

6.12.4 **Ordering of Other UNE Services**

6.12.4.1 All LSRs issued for reserved facilities shall reference the facility reservation number as provided by BellSouth. Supra Telecom will not be billed any additional LMU charges for the loop ordered on such LSR. If, however, Supra Telecom does not reserve facilities upon an initial LMUSI, Supra Telecom's placement of an order for an advanced data service type facility will incur the appropriate billing charges to include service inquiry and reservation per Exhibit A of this Attachment.

6.12.4.2 Where Supra Telecom has reserved multiple Loop facilities on a single reservation, Supra Telecom may not specify which facility shall be provisioned when submitting the LSR. For those occasions, BellSouth will assign to Supra Telecom, subject to availability, a facility that meets the BellSouth technical standards of the BellSouth type Loop as ordered by Supra Telecom. If the ordered Loop type is not available, Supra Telecom may utilize the Unbundled Loop Modification process or the Special Construction process, as applicable, to obtain the Loop type ordered.

7. OPERATOR SERVICE AND DIRECTORY ASSISTANCE SERVICE

7.1 BellSouth shall provide operator services and directory assistance on an unbundled basis at the rates set forth in Exhibit A only where BellSouth does not offer to Supra Telecom customized (selective) routing or compatible signalling protocol. In cases where Supra Telecom requests operator services and directory assistance and BellSouth offers customized (selective) routing, BellSouth and Supra Telecom will negotiate the rates, terms and conditions of said operator services and directory assistance services.

7.2 **Operator Systems**

7.2.1 Definition

7.2.1.1 Operator Systems is the Network Element that provides operator and automated call handling and billing, special services, end user telephone listings and optional call completion services. The Operator Systems, Network Element provides two types of functions: Operator

Service functions and Directory Assistance Service functions, each of which are described in detail below.

7.2.2 Operator Service

7.2.2.1 Definition

7.2.2.1.1 Operator Service provides: (1) operator handling for call completion (for example, collect, third number billing, and manual credit card calls), (2) operator or automated assistance for billing after the end user has dialed the called number (for example, credit card calls); and (3) special services including but not limited to Busy Line Verification and Emergency Line Interrupt ("ELI"), Emergency Agency Call, Operator-assisted Directory Assistance, and Rate Quotes.

7.2.2.2 Requirements

7.2.2.2.1 When Supra Telecom requests BellSouth to provide Operator Services, the following requirements apply:

7.2.2.2.1.1 BellSouth shall complete 0+ and 0- dialed local calls.

7.2.2.2.1.2 BellSouth shall complete 0+ intraLATA toll calls.

7.2.2.2.1.3 BellSouth shall process calls that are billed to Supra Telecom end user's calling card that can be validated by BellSouth.

7.2.2.2.1.4 BellSouth shall complete person-to-person calls.

7.2.2.2.1.5 BellSouth shall complete collect calls.

7.2.2.2.1.6 BellSouth shall provide the capability for callers to bill to a third party and complete such calls.

7.2.2.2.1.7 BellSouth shall complete station-to-station calls.

7.2.2.2.1.8 BellSouth shall process emergency calls.

7.2.2.2.1.9 BellSouth shall process Busy Line Verify and Emergency Line Interrupt requests.

7.2.2.2.1.10 BellSouth shall process emergency call trace, as they do for their End users prior to the Effective Date. Call must originate from a 911 provider.

7.2.2.2.1.11 BellSouth shall process operator-assisted directory assistance calls.

7.2.2.2.1.12 BellSouth shall adhere to equal access requirements, providing Supra Telecom local end users the same IXC access as provided to BellSouth end users.

7.2.2.2.1.13 BellSouth shall exercise at least the same level of fraud control in providing Operator Service to Supra Telecom that BellSouth provides for its own operator service.

7.2.2.2.1.14 BellSouth shall perform Billed Number Screening when handling Collect, Person-to-Person, and Billed-to-Third-Party calls.

7.2.2.2.1.15 BellSouth shall direct customer account and other similar inquiries to the customer service center designated by Supra Telecom.

7.2.2.2.1.16 BellSouth shall provide a feed of customer call records in "EMI" format to Supra Telecom in accordance with CLEC ODUF standards specified in Attachment 6 of this Agreement, incorporated herein by this reference.

7.2.2.3 Interface Requirements

7.2.2.3.1 With respect to Operator Services for calls that originate on local switching capability provided by or on behalf of Supra Telecom , the interface requirements shall conform to the then current established system interface specifications for the platform used to provide Operator Service and the interface shall conform to industry standards.

7.2.3 **Directory Assistance Service**

7.2.3.1 Definition

7.2.3.1.1 Directory Assistance Service provides local end user telephone number listings with the option to complete the call at the callers direction separate and distinct from local switching.

7.2.3.2 Requirements

7.2.3.2.1 Directory Assistance Service shall provide up to two listing requests per call. If available and if requested by Supra Telecom 's end user, BellSouth shall provide caller-optional directory assistance call completion service at rates contained in this Attachment to one of the provided listings, equal to that which BellSouth provides its end users. If not available, Supra Telecom may request such requirement pursuant to the Bona Fide Supra Telecom Request/New Business Process as set forth in General Terms and Conditions.

7.2.3.3 Directory Assistance Service Updates

7.2.3.3.1 BellSouth shall update end user listings changes daily. These changes include:

7.2.3.3.1.1 New end user connections: BellSouth will provide service to Supra Telecom that is equal to the service it provides to itself and its end users;

7.2.3.3.1.2 End user disconnections: BellSouth will provide service to Supra Telecom that is equal to the service it provides to itself and its end users; and

7.2.3.3.1.3 End user address changes: BellSouth will provide service to Supra Telecom that is equal to the service it provides to itself and its end users.

7.2.3.3.2 These updates shall also be provided for non-listed and non-published numbers for use in emergencies.

7.2.4 Branding for Operator Call Processing and Directory Assistance

7.2.4.1 The BellSouth Operator Systems Branding Feature provides a definable announcement to Supra Telecom end users using Directory Assistance ("DA")/Operator Call Processing ("OCP") prior to placing them in queue or connecting them to an available operator or automated operator system. This feature allows Supra Telecom to have its calls custom branded with Supra Telecom 's name on whose behalf BellSouth is providing Directory Assistance and/or Operator Call Processing. Rates for Custom Branding, Operator Call Process and Directory Assistance are set forth in this Attachment.

7.2.4.2 BellSouth offers four service levels of branding to Supra Telecom when ordering Directory Assistance and/or Operator Call Processing.

7.2.4.2.1 Service Level 1 - BellSouth Branding

7.2.4.2.2 Service Level 2 - Unbranded

7.2.4.2.3 Service Level 3 - Custom Branding

7.2.4.2.4 Service Level 4 - Self Branding (applicable only to Supra Telecom for Resale or use with an Unbundled Port when routing to an operator service provider other than BellSouth).

7.2.5 For Resellers and Use with an Unbundled Port

7.2.5.1 BellSouth Branding is the Default Service Level.

7.2.5.2 Unbranding, Custom Branding, and Self Branding require Supra Telecom to order selective routing for each originating BellSouth end office identified by Supra Telecom. Rates for Selective Routing are set forth in this Attachment.

7.2.5.3 Customer Branding and Self Branding require Supra Telecom to order dedicated trunking from each BellSouth end office identified by Supra Telecom, to either the BellSouth Traffic Operator Position System ("TOPS") or Supra Telecom Operator Service Provider. Rates for trunks are set forth in applicable BellSouth tariffs.

7.2.5.4 Unbranding - Unbranded Directory Assistance and/or Operator Call Processing calls ride common trunk groups provisioned by BellSouth from those end offices identified by Supra Telecom to the BellSouth TOPS. These calls are routed to "No Announcement."

7.2.6 For Facilities Based Carriers

7.2.6.1 All Service Levels require Supra Telecom to order dedicated trunking from their end office(s) point of interface to the BellSouth TOPS Switches. Rates for trunks are set forth in applicable BellSouth tariffs.

7.2.6.2 Customized Branding includes charges for the recording of the branding announcement and the loading of the audio units in each TOPS Switch, IVS and NAV equipment for which Supra Telecom requires service.

7.2.7 Directory Assistance customized branding uses:

7.2.7.1 the recording of the name;

7.2.7.2 the front-end loading of the Digital Recorded Announcement Machine ("DRAM") in each TOPS switch.

7.2.8 Operator Call Processing customized branding uses:

7.2.8.1 the recording of the name;

7.2.8.2 the front-end loading of the DRAM in the TOPS Switch;

7.2.8.3 the back-end loading in the audio units in the Automated Alternate Billing System ("AABS") in the Interactive Voice Subsystem ("IVS");

7.2.8.4 the 0- automation loading for the audio units in the Enhanced Billing and Access Service ("EBAS") in the Network Applications Vehicle ("NAV").

7.2.9 BellSouth will provide to Supra Telecom purchasing local BellSouth switching and reselling BellSouth local exchange service, selective routing of calls to a requested directory assistance services platform or operator services platform. Supra Telecom end users may use the same dialing arrangements as BellSouth end users, but obtain a Supra Telecom branded service.

8. INTEROFFICE TRANSMISSION FACILITIES

8.1 BellSouth shall:

8.1.1 Provide Supra Telecom, upon request, exclusive use of interoffice transmission facilities dedicated to a particular end user or carrier, or use the features, functions, and capabilities of interoffice transmission facilities shared by more than one customer or carrier;

8.1.2 Provide all technically feasible transmission facilities, features, functions, and capabilities that Supra Telecom, upon request, could use to provide telecommunications services; and

8.1.3 Permit, to the extent technically feasible, Supra Telecom, upon request, to connect such interoffice facilities to equipment designated by Supra Telecom, including but not limited to, Supra Telecom 's collocated facilities.

8.2 **Shared Transport**

8.2.1 Definition

8.2.1.1 Shared Transport is defined as transmission facilities shared by more than one telecommunications carrier, including BellSouth, between end office switches, between end office switches and tandem switches, and between tandem switches in BellSouth's network.

8.2.2 Technical Requirements

8.2.2.1 Shared Transport provided on DS1 or VT1.5 circuits, shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for central office to central office connections in accordance with the applicable industry standard technical references.

8.2.2.2 Shared Transport provided on DS3 circuits, STS-1 circuits, and higher transmission bit rate circuits shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for central office to central office connections in accordance with the applicable industry standard technical references.

8.2.2.3 BellSouth shall be responsible for the engineering, provisioning, and maintenance of the underlying equipment and facilities that are used to provide Shared Transport.

8.2.2.4 At a minimum, Shared Transport shall meet all of the requirements set forth in the applicable industry standard technical references.

8.3 **Dedicated Transport**

8.3.1 Definition

8.3.1.1 Dedicated transport is defined as BellSouth transmission facilities, including all technically feasible capacity-related services including, but not limited to, DS1, DS3 and OCn levels, dedicated to a particular customer or carrier, that provide telecommunications between wire centers owned by BellSouth or requesting telecommunications carriers, or between switches owned by BellSouth or requesting telecommunications carriers.

8.3.1.2 BellSouth will, to the extent technically feasible, permit Supra Telecom to obtain the functionality provided by BellSouth's digital cross-connect systems in the same manner that BellSouth provides such functionality to interexchange carriers.

8.3.1.3 **Local Channel**

8.3.1.3.1 The Local Channel is the dedicated transmission path between Supra Telecom 's point of presence and the BSWC.

8.3.1.3.2 Local Channels may be used for either switched or non-switched traffic. Rates for Local Channels are contained in Exhibit A of this Attachment 2.

8.3.1.4 Technical Requirements.

8.3.1.4.1 This Section sets forth technical requirements for all Dedicated Transport.

8.3.1.4.2 When BellSouth provides Dedicated Transport as a circuit or a system, the entire designated transmission circuit or system (e.g., DS1, DS3, STS-1) shall be dedicated to Supra Telecom designated traffic.

8.3.1.4.3 BellSouth shall offer Dedicated Transport in all documented bandwidth interfaces used within BellSouth's network, including, but not limited to, DS1 and DS3 and OCn

8.3.1.4.4 For DS1 or VT1.5 circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements

specified for end user interface to central office connections in the technical reference set forth in the applicable industry standard technical reference.

8.3.1.4.5 For DS3 circuits, STS-1 circuits, and higher rate circuits, Dedicated Transport shall, at a minimum, meet the performance, availability, jitter, and delay requirements specified for end user interface to central office connections in the technical reference set forth in the applicable industry standard technical reference.

8.3.1.4.6 When requested by Supra Telecom, Dedicated Transport shall provide physical diversity. Physical diversity means that two circuits are provisioned in such a way that no single failure of facilities or equipment will cause a failure on both circuits.

8.3.1.4.7 When physical diversity is requested by Supra Telecom , BellSouth shall provide the maximum feasible physical separation between intra-office and inter-office transmission paths (unless otherwise agreed by Supra Telecom). BellSouth shall take appropriate steps to assure physical diversity continues to be provided for the duration of the period that Supra Telecom employs or until such time that Supra Telecom notifies BellSouth that physical diversity is no longer required.

8.3.1.4.8 Upon Supra Telecom 's request, BellSouth shall provide nondiscriminatory performance monitoring and Supra Telecom alarming.

8.3.1.4.9 BellSouth shall offer the following interface transmission rates for Dedicated Transport:

8.3.1.4.9.1 When Dedicated Transport is provided as a system, BellSouth shall design the system according to BellSouth's network infrastructure to allow for the termination points specified by Supra Telecom .

8.3.1.4.9.2 At a minimum, Dedicated Transport shall meet each of the requirements set forth in the applicable industry standard technical references

8.4 **DARK FIBER**

8.4.1 Definition

8.4.1.1 Dark Fiber is optical transmission facilities without attached multiplexing, aggregation or other electronics that connects two points within BellSouth's network. Dark Fiber also includes strands of optical fiber existing in aerial or underground cable which may have lightwave repeater (regenerator or optical amplifier) equipment interspliced to it at appropriate distances, but which has no line terminating elements

terminated to such strands to operationalize its transmission capabilities.

8.4.2 Requirements

8.4.2.1 BellSouth shall make available Dark Fiber where it exists in BellSouth's network and where, as a result of future building or deployment, it becomes available. If BellSouth has plans to use the fiber within a two-year planning period, there is no requirement to provide said fiber to Supra Telecom.

8.4.2.2 If the requested dark fiber has any lightwave repeater equipment interspliced to it, BellSouth will remove such equipment at Supra Telecom 's request subject to time and materials charges.

8.4.2.3 Supra Telecom may test the quality of the Dark Fiber to confirm its usability and performance specifications.

8.4.2.4 BellSouth shall use its best efforts to provide to Supra Telecom information regarding the location, availability and performance of Dark Fiber within ten (10) business days for a records based answer and twenty (20) business days for a field based answer, after receiving a request from Supra Telecom ("Request"). Within such time period, BellSouth shall send written confirmation of availability of the Dark Fiber ("Confirmation"). From the time of the Request to forty-five (45) days after Confirmation, BellSouth shall hold such requested Dark Fiber for Supra Telecom 's use and may not allow any other party to use such media, including BellSouth.

8.4.2.5 BellSouth shall use its best efforts to make Dark Fiber available to Supra Telecom within thirty (30) business days after it receives written confirmation from Supra Telecom that the Dark Fiber previously deemed available by BellSouth is wanted for use by Supra Telecom . This includes identification of appropriate connection points (e.g., Light Guide Interconnection ("LGX") or splice points) to enable Supra Telecom to connect or splice Supra Telecom provided transmission media (e.g., optical fiber) or equipment to the Dark Fiber.

8.4.2.6 Dark fiber shall meet the manufacturers' design specifications.

8.4.2.7 Supra Telecom may splice and test Dark Fiber obtained from BellSouth using Supra Telecom or Supra Telecom designated personnel. BellSouth shall provide appropriate interfaces to allow splicing and testing of Dark Fiber. BellSouth shall provide an excess cable length of 25 feet minimum (for fiber in underground conduit) to allow the uncoiled fiber to reach from the manhole to a splicing van.

9. SIGNALING NETWORKS AND CALL-RELATED DATABASES

9.1 BellSouth shall provide Supra Telecom access to signaling networks, call-related databases, and service management systems on an unbundled basis for the provision of a telecommunications service.

9.2 **Signaling Networks**

9.2.1 Signaling networks include, but are not limited to, signaling links and signaling transfer points. When Supra Telecom purchases unbundled switching capability from BellSouth, BellSouth shall provide access to its signaling network from that switch in the same manner in which it obtains access itself. BellSouth shall provide Supra Telecom with its own switching facilities access to BellSouth's signaling network for each of the Supra Telecom switches. This connection shall be made in the same manner as BellSouth connects one of its own switches to a signaling transfer point.

9.2.2 Signaling Link Transport is a set of two or four dedicated 56 Kbps. transmission paths between Supra Telecom -designated Signaling Points of Interconnection ("SPOI") and BellSouth Point of Interconnection that provides appropriate physical diversity.

9.2.3 The network termination point where this interconnection takes place is called the STP port termination.

9.2.4 Technical Requirements

9.2.4.1 Signaling Link Transport shall consist of full duplex mode 56 kbps transmission paths.

9.2.4.2 Of the various options available, Signaling Link Transport shall perform in the following two ways:

9.2.4.2.1 As an "A-link" which is a connection between a switch or SCP and a home Signaling Transfer Point Switch ("STPS") pair and consists of two links; and

9.2.4.2.2 As a "D/B-link" which is a connection between two STPS pairs in different company networks (e.g., between two STPS pairs for two Competitive Local Exchange Carriers ("CLECs")) and consists of four links.

9.2.4.3 A signaling link layer shall satisfy a performance objective such that:

9.2.4.3.1 There shall be no more than two minutes down time per year for an A-link layer; and

9.2.4.3.2 There shall be negligible (less than 2 seconds) down time per year for a B-link layer.

9.2.4.4 A signaling link layer shall satisfy interoffice and intraoffice diversity of facilities and equipment, such that:

9.2.4.4.1 No single failure of facilities or equipment causes the failure of both links in an A-link layer (i.e., the links should be provided on a minimum of two separate physical paths end-to-end); and

9.2.4.4.2 No two concurrent failures of facilities or equipment shall cause the failure of all four links in a D/B-link layer (i.e., the links should be provided on a minimum of three separate physical paths end-to-end).

9.2.4.5 The Signaling Point of Interconnection (SPOI) for each link shall be located at a cross-connect element, such as a DSX-1, in the central office where BellSouth STPS is located. There shall be a DS1 or higher rate transport interface at each of the SPOIs. Each signaling link shall appear as a DS0 channel within the DS1 or higher rate interface. BellSouth shall offer higher rate DS1 signaling for interconnecting Supra Telecom local switching systems or STPSs with BellSouth STPSs as soon as these become approved ANSI standards and available capabilities of BellSouth STPSs. BellSouth and Supra Telecom will work jointly to establish mutually acceptable SPOIs.

9.2.5 **Signaling Transfer Points**

9.2.5.1 Definition

9.2.5.1.1 Signaling Transfer Points is a signaling network function that includes all of the capabilities provided by the STPSs and their associated signaling links which enable the exchange of SS7 messages among and between switching elements, database elements and STPS.

9.2.5.2 Technical Requirements

9.2.5.2.1 STPs shall provide access to Network Elements connected to BellSouth SS7 network. These include:

9.2.5.2.1.1 BellSouth Service Control Points/DataBases and

9.2.5.2.1.2 Third-party-provided STPSs.

9.2.5.2.2 The connectivity provided by STPs shall fully support the functions of all Network Elements and Supra Telecom or other third-party switching systems and STPs connected to BellSouth's SS7 network. This explicitly includes the use of BellSouth's SS7 network to convey messages which neither originate nor terminate at a signaling end point directly connected to BellSouth's SS7 network (i.e., transient messages). When BellSouth SS7 network is used to convey transient messages, there shall be no alteration of the Integrated Services

Digital Network User Part ("ISDNUP") or Transaction Capabilities Application Part ("TCAP") user data that constitutes the content of the message.

9.2.5.2.3 If a BellSouth tandem switch routes calling traffic, based on dialed or translated digits, on SS7 trunks between an Supra Telecom local switch and third party local switch, BellSouth SS7 network shall convey the TCAP messages that are necessary to provide Call Management features (Automatic Callback, Automatic Recall, and Screening List Editing) between the Supra Telecom local STPSs and the STPSs that provide connectivity with the third party local switch, even if the third party local switch is not directly connected to BellSouth STPSs.

9.2.5.2.4 STPs shall provide all functions of the MTP as defined in the applicable industry standard technical references.

9.2.5.2.5 STPs shall provide on a non-discriminatory basis all functions of the Operations, Maintenance and Administration Part ("OMAP") commonly provided by STPSs. All OMAP functions will be on a "where available" basis and can include:

9.2.5.2.5.1 MTP Routing Verification Test ("MRVT") and

9.2.5.2.5.2 SCCP Routing Verification Test ("SRVT").

9.2.5.2.6 In cases where the destination signaling point is a BellSouth local or tandem switching system or database, or is an Supra Telecom or third party local or tandem switching system directly connected to the BellSouth SS7 network, STPs shall perform MRVT and SRVT to the destination signaling point. In all other cases, STPs shall perform MRVT and SRVT to a gateway pair of STPSs in an SS7 network connected with the BellSouth SS7 network. This requirement shall be superseded by the specifications for Internetwork MRVT and SRVT if and when these become approved ANSI standards and available capabilities of BellSouth STPSs, and if mutually agreed upon by Supra Telecom and BellSouth.

9.2.5.2.7 BellSouth STPs shall route mutually agreeable AIN responses from the Supra Telecom SCP via SS7 network interconnect to the local switch designated in the Signaling Connection Control Part ("SCCP") called party address.

9.2.5.2.8 STPs shall be equal to or better than the technical specifications set forth in the applicable industry standard technical references.

9.2.6 **Message Screening**

9.2.6.1 BellSouth shall set message screening parameters so as to accept messages from Supra Telecom local or tandem switching systems destined to any signaling point in the BellSouth SS7 network or any network interconnected to the BellSouth SS7 network with which the Supra Telecom switching system has a legitimate signaling relationship.

9.2.6.2 BellSouth shall set message screening parameters so as to accept messages destined to/from a Supra Telecom local or tandem switching system or to/from a Supra Telecom Service Control Point from any signaling point or network interconnected to the BellSouth SS7 network with which the Supra Telecom switching system has a legitimate signaling relationship.

9.3 **SS7 Advanced Intelligent Network ("AIN") Access**

9.3.1 SS7 AIN Access shall provide the Supra Telecom SCP access to BellSouth local switch via interconnection of BellSouth SS7 and Supra Telecom SS7 Networks. BellSouth shall offer SS7 access through its STPs. If BellSouth requires a mediation device on any part of its network, BellSouth must route its calls in the same manner. The interconnection arrangement shall result in the BellSouth local switch recognizing the Supra Telecom SCP as at least at parity with BellSouth's SCP's in terms of interfaces, performance and capabilities.

9.3.2 SS7 AIN Access is the provisioning of AIN triggers in a BellSouth local switch and interconnection of the BellSouth SS7 network with the Supra Telecom SS7 network to exchange TCAP queries and responses with a Supra Telecom SCP.

9.4 **Call-Related Databases**

9.4.1 Definition

9.4.1.1 Call-related databases are defined as databases, other than operations support systems, that are used in signaling networks for billing and collection, or the transmission, routing, or other provision of a telecommunications service. For purposes of switch query and database response through a signaling network, BellSouth shall provide access to its call-related databases, including but not limited to, the Calling Name Database, 911 Database, E911 Database, Line Information Database, Toll Free Calling Database, Advanced Intelligent Network Databases, and downstream number portability databases by means of physical access at the signaling transfer point linked to the unbundled databases. BellSouth shall not be required to unbundle the services created in the AIN platform and architecture that qualify for proprietary treatment. BellSouth shall allow Supra Telecom

when Supra Telecom has purchased BellSouth's local switching capability to use BellSouth's service control point element in the same manner, and via the same signaling links, as BellSouth itself. BellSouth shall allow Supra Telecom when it has deployed its own switch, and has linked that switch to BellSouth's signaling system, to gain access to BellSouth's service control point in a manner that allows Supra Telecom to provide any call-related database-supported services to customers served by Supra Telecom 's switch. BellSouth shall provide Supra Telecom, upon request, with access to call-related databases in a manner that complies with section 222 of the Act.

9.4.2 A Service Control Point ("SCP") is a specific type of Database functionality deployed in a Signaling System 7 ("SS7") network that executes service application logic in response to SS7 queries sent to it by a switching system also connected to the SS7 network.

9.4.3 Technical Requirements

9.4.3.1 Requirements for call-related databases within this section address storage of information, access to information (e.g., signaling protocols, response times), and administration of information (e.g., provisioning, administration, and maintenance). All call-related databases shall be provided in accordance with the following requirements:

9.4.3.1.1 BellSouth shall provide physical access to SCPs through the SS7 network and protocols, as specified in this Attachment 2, with TCAP as the application layer protocol.

9.4.3.1.2 BellSouth shall provide physical interconnection to databases via industry standard interfaces and protocols.

9.4.3.2 The reliability of interconnection options shall be consistent with requirements for diversity and survivability.

9.4.4 **Database Availability**

9.4.4.1 Call-related databases shall have a maximum unscheduled unavailability of 30 minutes per year. Unavailability due to software and hardware upgrades shall be scheduled during minimal usage periods and only be undertaken upon proper notification to providers which might be impacted. Any downtime associated with the provision of call-related databases will impact all service providers, including BellSouth, equally.

9.4.4.2 Any Supra Telecom order for data to be added, modified or deleted from the databases shall be consistent with the ordering and provisioning requirements of this Agreement.

9.4.4.3 BellSouth shall make available call-related database functionality and complete database transactions (e.g., add, modify or delete) for Supra Telecom customer records stored in BellSouth's databases on a basis that is equivalent to that which it provides to itself or third-party requesting telecommunications carriers.

9.4.5 **Line Information Database ("LIDB")**

9.4.5.1 Supra Telecom acknowledges that BellSouth will store in its LIDB only records relating to service in the BellSouth region.

9.4.5.2 Definition.

9.4.5.2.1 The LIDB is a transaction-oriented database accessible through Common Channel Signaling ("CCS") networks. It contains records associated with customer Line Numbers and Special Billing Numbers relating to service in the BellSouth region.

9.4.5.3 The LIDB Storage Agreement, which contains the terms and conditions for Supra Telecom 's access to LIDB, is attached as Exhibit A to Attachment 6, incorporated herein by this reference.

9.4.6 **Toll Free Number Database**

9.4.6.1 The Toll Free Number Database is a SCP that provides functionality necessary for toll free (e.g., 800 and 888) number services by providing routing information and additional so-called vertical features during call set-up in response to queries from SSPs. BellSouth shall provide the Toll Free Number Database in accordance with the following:

9.4.6.1.1 BellSouth shall make BellSouth Toll Free Number Database available for Supra Telecom to query with a toll-free number and originating information.

9.4.6.1.2 The Toll Free Number Database shall return carrier identification and, where applicable, the queried toll free number, translated numbers and instructions as it would in response to a query from a BellSouth switch.

9.4.6.2 Interface Requirements

9.4.6.2.1 The signaling interface between the Supra Telecom or other local switch and the Toll-Free Number database shall use the TCAP protocol and in the signaling network interface as specified in the applicable industry standard technical references.

9.4.7 **Automatic Location Identification/Data Management System ("ALI/DMS")**

9.4.7.1 The ALI/DMS Database contains end user information (including name, address, telephone information, and sometimes special information from the local service provider or customer) used to determine to which PSAP to route the call. The ALI/DMS database is used to provide more routing flexibility for E911 calls than 911. BellSouth shall provide the Emergency Services Database in accordance with the following:

9.4.7.2 Technical Requirements

9.4.7.2.1 BellSouth shall Supra Telecom provide an electronic interface to the ALI/DMS database, through which Supra Telecom or its agent may provide a daily update of Supra Telecom Customer Information. BellSouth shall provide Supra Telecom with record input format, consistent with the requirements imposed on BellSouth by the Supra Telecom governmental body administering 911 services. BellSouth shall provide error reports from the ALI/DMS database to Supra Telecom as soon as possible, but in any event, within 24 hours after Supra Telecom or its agents enters information into the ALI/DMS database. The error reports may be provided electronically if Supra Telecom purchases the capability. If an electronic interface is not available as an offering or because of a system outage for Supra Telecom or its agents to provide daily updates to the ALI/DMS database or for BellSouth to provide error reports from the ALI/DMS database, BellSouth shall establish a process or procedure to receive, send and process within one business day Supra Telecom Customer Information. The error files will contain the Supra Telecom reference date and file number of the original record sent.

9.4.7.2.2 The ALI/DMS database shall contain the following end user information:

9.4.7.2.2.1 Name;

9.4.7.2.2.2 Address;

9.4.7.2.2.3 Telephone number; and

9.4.7.2.2.4 Other information as appropriate (e.g., whether an end user is blind or deaf or has another disability).

9.4.7.2.3 When the BellSouth is responsible for administering the ALI/DMS database in its entirety, ported number NXXs entries for the ported numbers should be maintained unless Supra Telecom requests otherwise and shall be updated if Supra Telecom requests, provided Supra Telecom supplies BellSouth with the updates.

9.4.7.2.4 When Remote Call Forwarding ("RCF") is used to provide number portability to the local end user and a remark or other appropriate field information is available in the database, the shadow or "forwarded-to" number and an indication that the number is ported shall be added to the end user record.

9.4.7.2.5 If BellSouth is responsible for configuring PSAP features (for cases when the PSAP or BellSouth supports an ISDN interface) it shall ensure that CLASS Automatic Recall (Call Return) is not used to call back to the ported number. Although BellSouth currently does not have ISDN interface, BellSouth agrees to comply with this requirement once ISDN interfaces are in place.

9.4.7.2.6 At either Party's option, however not to exceed annually unless otherwise agreed to by the Parties, the databases of both Parties shall be compared for accuracy and uniformity. If any discrepancies are found as a result of the comparison, the Parties shall work cooperatively to correct the discrepancies within a reasonable time. The cost of the implementation of the request made other than annually shall be borne by the Party making the request.

9.4.7.3 Interface Requirements

9.4.7.3.1 The interface between the E911 Switch or Tandem and the ALI/DMS database for Supra Telecom customers shall meet industry standards.

9.4.8 **Directory Assistance Database Service ("DADS")**

9.4.8.1 Directory Assistance ("DA") database contains all customer data in the database used by BellSouth to provide its own DA service and where BellSouth is authorized to include the customer data of a telecommunications carrier in the database available to Supra Telecom. BellSouth shall provide access to the DA database in one of two manners.

9.4.8.2 BellSouth shall make its Directory Assistance Database Service ("DADS") available solely for the expressed purpose of providing Directory Assistance type services to Supra Telecom end users. Directory Assistance type service is defined as a service that allows Supra Telecom end users to obtain the name, telephone numbers and addresses of other subscribers of telecommunications services. Supra Telecom agrees that Directory Assistance Database Service ("DADS") will not be used for any purpose which violates federal or state laws, statutes, regulatory orders or tariffs. Except for the permitted use, Supra Telecom shall not disclose DADS and shall provide due care in providing for the security and confidentiality of DADS. Further, Supra

Telecom authorizes the inclusion of Supra Telecom 's Directory Assistance listings in the BellSouth Directory Assistance products.

9.4.8.3 BellSouth shall provide Supra Telecom initially with a base file of subscriber listings which reflect all listing change activity occurring since Supra Telecom 's most recent update via magnetic tape, and subsequently using electronic connectivity such as Network Data Mover to be developed mutually by Supra Telecom and BellSouth. Supra Telecom agrees to assume the costs associated with CONNECT: Direct™ connectivity, which will vary depending upon volume and mileage.

9.4.8.4 BellSouth will require approximately one month after receiving an order to prepare the base file. BellSouth will provide daily updates to Supra Telecom which will reflect listing change activity occurring since Supra Telecom 's most recent update. BellSouth shall provide updates to Supra Telecom on a business, residence, or combined business and residence basis. Supra Telecom agrees that the updates shall be used solely to keep the information current. Delivery of daily updates will commence the day after Supra Telecom receives the base file.

9.4.8.5 BellSouth is authorized to include Supra Telecom Directory Assistance listing information in its Directory Assistance Database Service. Any other use by BellSouth of Supra Telecom Directory Assistance listing information is not authorized and with the exception of a request for DADS, BellSouth shall refer any request for such information to Supra Telecom .

9.4.8.6 BellSouth shall provide to Supra Telecom, upon request, via DADs, the names and addresses for BellSouth.

9.4.8.7 Supra Telecom and other telecommunication carriers' subscribers that have unlisted and non-published directory listings. The date files shall contain a special indicator showing that the subscribers account is indicator showing that the subscribers' account is either unlisted or unpublished.

9.4.8.8 Rates for DADS are as set forth in Exhibit A of this Attachment 2.

9.4.8.9 Direct Access to Directory Assistance Service ("DADAS") will provide Supra Telecom 's directory assistance operators with the ability to search all available BellSouth subscriber listings using the Directory Assistance search format. Subscription to DADAS will allow Supra Telecom to utilize its own switch, operator workstations and optional audio subsystems.

9.4.8.10 BellSouth will provide DADAS from its DA location. Supra Telecom will access the DADAS system via BellSouth provided point of availability.

Supra Telecom has the responsibility of providing the physical links required to connect to the point of availability. These facilities may be purchased from BellSouth as rates and charges billed separately from the charges associated with this offering.

9.4.8.11 A specified interface to each Supra Telecom subsystem will be provided by BellSouth. Interconnection between Supra Telecom 's system and a specified BellSouth location will be pursuant to the use of Supra Telecom -owned or Supra Telecom -leased facilities and shall be appropriate sized based upon the volume of queries being generated by Supra Telecom.

9.4.8.12 The specifications for the three interfaces necessary for interconnection are available in the following documents:

9.4.8.12.1 DADAS to Subscriber Operator Position System – Northern Telecom Document CSI-2300-07; Universal Gateway/Position Message Interface Format Specification;

9.4.8.12.2 DADAS to Subscriber Switch – Northern Telecom Document Q210-1 Version A107; NTDMS/CCIDAS System Application Protocol; and Supra Telecom Document 250-900-535 Operator Services Position System Listing Service and Application Call Processing Data Link Interface Specification;

9.4.8.12.3 DADAS to Audio Subsystem (Optional) – Directory One Call Control to Audio Response Unit system interface specifications are available through Northern Telecom as a licensed access protocol – Northern Telecom Document 355-004424 and Gateway/Interactive Voice subsystem Protocol Specification.

9.4.8.12.4 Rates for DADAS are as set forth in Exhibit A of this Attachment 2.

9.4.9 **Calling Name Delivery Database Service**

9.4.9.1 Calling Name Delivery Database Service ("CNAM") provides Supra Telecom the ability to associate a name with the calling party number, allowing the end user subscriber (to which a call is being terminated) to view the calling party's name before the call is answered. This service also provides Supra Telecom the opportunity to load and store its subscriber name in the BellSouth CNAM SCPs.

9.4.9.2 The CNAM Database Service Agreement is included as Exhibit C to this Attachment 2 and incorporated herein by this reference.

10. SERVICE MANAGEMENT SYSTEM

10.1 Definition

10.1.1 A Service Management System is defined as a computer database or system not part of the public switched network that, among other things: (1) interconnects to the service control point and sends to that service control point the information and call processing instructions needed for a network switch to process and complete a telephone call; and (2) provides telecommunications carriers with the capability of entering and storing data regarding the processing and completing of a telephone call. BellSouth shall provide Supra Telecom, upon request, with access to a Service Management System in a manner that complies with Section 222 of the Act.

10.2 BellSouth shall provide Supra Telecom with the information necessary to enter correctly, or format for entry, the information relevant for input into BellSouth's service management system.

10.3 BellSouth shall provide Supra Telecom the same access to design, create, test, and deploy Advanced Intelligent Network-based services at the service management system, through a service creation environment, that BellSouth provides itself.

10.4 BellSouth shall provide access to any and all BellSouth non-proprietary service applications resident in BellSouth's SCP. Such access may be from Supra Telecom 's switch or BellSouth's unbundled Local Switching element.

10.5 Service Management Systems provide operational interfaces to allow for provisioning, administration and maintenance of subscriber data and service application data stored in SCPs.

10.6 BellSouth's Service Creation Environment ("SCE") and Service Management System ("SMS") Advanced Intelligent Network ("AIN") Access shall provide Supra Telecom the capability that will allow Supra Telecom to create service applications in a BellSouth Service Creation Environment and deploy those applications in a BellSouth SMS to a BellSouth SCP. Supra Telecom 's service applications interact with AIN triggers provisioned on a BellSouth SSP. BellSouth shall provide Supra Telecom access to the BellSouth Service Creation Environment in a manner equal to what BellSouth provides itself or requesting telecommunications carriers.

10.7 BellSouth's SCE/SMS AIN Access shall provide access to SCE hardware, software, testing and technical support (e.g., help desk, system administrator) resources available to Supra Telecom. Scheduling procedures shall provide Supra Telecom equivalent priority to these resources.

10.8 BellSouth SCP shall partition and protect Supra Telecom service logic and data from unauthorized access, execution or other types of compromise.

10.9 When Supra Telecom selects SCE/SMS AIN Access, BellSouth shall provide training, documentation, and technical support to enable Supra Telecom to use BellSouth's SCE/SMS AIN Access to create and administer applications. Training, documentation, and technical support will address use of SCE and SMS access and administrative functions, but will not include support for the creation of a specific service application.

10.10 When Supra Telecom selects SCE/SMS AIN Access, BellSouth shall provide for a secure, controlled access environment in association with its internal use of AIN components.

10.11 When Supra Telecom selects SCE/SMS AIN Supra Telecom Access for providing services on Supra Telecom 's network, BellSouth and Supra Telecom will work cooperatively to resolve technical and provisioning issues.

11. TRUNK INTERFACE REQUIREMENTS

11.1 If a municipality has converted to E911 service, Supra Telecom will forward 911 calls to the appropriate E911 primary tandem, along with ANI, based upon the current E911 end office to tandem homing arrangement as provided by BellSouth. If the primary tandem trunks are not available, Supra Telecom will alternatively route the call to a designated 7-digit local number residing in the appropriate PSAP. This call will be transported over BellSouth's interoffice network and will not carry the ANI of the calling party, which is in parity with BellSouth's handling of 911 calls from its customers.

11.2 **911/E911 Trunks**

11.2.1 Local Switch and Access Tandem Trunks

11.2.1.1 BellSouth shall provide trunks groups provisioned exclusively to carry intraLATA traffic, as designated by Supra Telecom.

11.2.1.2 BellSouth shall provide trunk groups provisioned exclusively to carry interLATA traffic, as designated by Supra Telecom.

11.2.1.3 BellSouth shall provide SS7 trunks which provide SS7 interconnection. At Supra Telecom 's request, MF trunks may be substituted for SS7 trunks where applicable.

11.2.1.4 BellSouth shall simultaneous route calls based on dialed digits (in accordance with the standard GR-317-CORE), and Carrier Identification Code (in accordance with the standard GR-394-CORE) over a single SS7 trunk group.

11.3 911 and E911

11.3.1 If Supra Telecom orders Services and Elements, then Supra Telecom is also responsible for providing E911 to its end users. BellSouth agrees to offer access to the 911/E911 network pursuant to the following terms and conditions set forth in this Attachment.

11.3.2 Definition

11.3.2.1 The 911 and E911 are requirements that provide a caller access to the applicable emergency service bureau by dialing a 3-digit universal telephone number (911). 911 Arrangements are arrangements for routing 911 calls from Supra Telecom end users to the appropriate PSAP, passing certain end user information for display at the PSAP answering station based on the class of 911 service (911 or E911) deployed in the area. BellSouth shall provide 911 Arrangements to Supra Telecom in accordance with the provisions below in areas where Supra Telecom is authorized to provide local exchange service and BellSouth is the 911 service provider. The provisions in this Section apply only to 911 Arrangements. The 911 functionality for Local Services Resale shall be governed by provisions in Attachment 1 of this Agreement incorporated herein by reference. In providing 911 Arrangements to Supra Telecom, BellSouth shall comply with all laws, rules and regulations concerning emergency services. The 911 and E911 functions provided to Supra Telecom shall be at least equal in quality and functionality with the support and services that the BellSouth provides to its own retail end users.

11.3.3 Requirements

11.3.3.1 911 Service Provisioning. For 911 service, BellSouth will provide to Supra Telecom a list consisting of each municipality that subscribes to 911 service. The list will also provide, if known, the E911 conversion date for each municipality and, for network routing purposes, a ten-digit directory number representing the appropriate emergency answering position for each municipality subscribing to 911. Supra Telecom will be required to arrange to accept 911 calls from its end users in municipalities that subscribe to 911 service and translate the 911 call to the appropriate 10-digit directory number as stated on the list provided by BellSouth. Supra Telecom will be required to route that call to BellSouth at the appropriate to install dedicated facilities from its serving wire center to the appropriate BellSouth tandem or end office.

When a municipality converts to E911 service, Supra Telecom will be required to discontinue the 911 procedures and being using E911 procedures.

11.3.3.2 E911 Service Provisioning. For E911 service, Supra Telecom will be required to install a minimum of two dedicated trunks originating from the Supra Telecom serving wire center and terminating to the appropriate E911 tandem. The dedicated trunks shall be, at a minimum, DS-0 level trunks configured either as a 2-wire analog interface or as part of a digital (1.544 Mb/s) interface. Either configuration shall use CAMA-type signaling with multifrequency ("MF") pulsing that will deliver automatic number identification ("ANI") with the voice portion of the call. If the user interface is digital, MF pulses, as well as other AC signals, shall be encoded per the u-255 Law convention. Supra Telecom will be required to provide BellSouth daily updates to the E911 database. Supra Telecom will be required to forward 911 calls to the appropriate E911 tandem, along with ANI, based upon the current E911 end office to tandem homing arrangement as provided by BellSouth. If the E911 tandem trunks are not available, Supra Telecom will be required to route the call to a designated 10-digit local number residing in the appropriate PSAP. This call will be transported over BellSouth's interoffice network and will not carry the ANI of the calling party. Supra Telecom shall be responsible for providing BellSouth with complete and accurate data for submission to the 911/E911 database for the purpose of providing 911/E911 to its end users.

11.3.4 Technical Requirements

11.3.4.1 At Supra Telecom 's request, BellSouth and Supra Telecom shall establish dedicated trunk groups to route E911 calls placed by Supra Telecom end users to the appropriate BellSouth 911 tandem or selective router. Trunks shall be established as CAMA MF trunks until SS7 connectivity is available. Thereafter, trunks shall be established with SS7 signaling.

11.3.4.2 BellSouth shall provision 911 trunks within 30 calendar days of receipt of Supra Telecom 's order, or such shorter time as may be established by law, rule, regulation or Commission or F.C.C. order. Alternatively, at its option, Supra Telecom may provide the trunks. Regardless of which party provides the trunks, prior to placing a trunk in service BellSouth and Supra Telecom shall cooperate in testing to assure proper functioning of the E911 system for calls delivered over the trunk.

11.3.4.3 BellSouth shall assure sufficient capacity at the 911 tandem or selective router to meet Supra Telecom 's requests for interconnection

within 30 calendar days after receipt of the request. There shall be no limit on the number of trunks used by Supra Telecom to connect to the 911 tandem or selective router. Interconnection to the 911 tandem shall be established to provide path and route diversity.

11.3.4.4 BellSouth shall provide the following information to Supra Telecom, and shall promptly notify Supra Telecom of any changes:

11.3.4.4.1 BellSouth processes and requirements for ordering trunks for 911 trunks and interconnection to the 911 tandem or selective router.

11.3.4.4.2 Trunk group specifications.

11.3.4.4.3 E911 tandem CLLI codes, circuit IDs, point codes, LEC order number, and IS code and address.

11.3.4.4.4 Description of BellSouth's diversity for facility routing.

11.3.4.4.5 Maintenance procedures for 911 trunk groups, including, but not limited to, contact names and numbers, escalation lists, and the hours that maintenance is available.

11.3.5 E911 Call Routing and Provision Customer Information to PSAP

11.3.5.1 BellSouth shall route E911 calls delivered by Supra Telecom to BellSouth's 911 tandems or selective routers to PSAPs in the same manner that BellSouth routes E911 calls from its own retail customers. BellSouth shall provide and validate Supra Telecom customer information from the ALI/ANI database in the same manner BellSouth provides and validates information for its own retail customers.

11.3.5.2 BellSouth shall automatically update the ALI/DMS databases with respect to NPA split conversions.

11.3.6 Master Street Address Guide ("MSAG")

11.3.6.1 BellSouth shall provide Supra Telecom access to the MSAG at least equal in quality and functionality with the access BellSouth provides to itself. BellSouth shall provide Supra Telecom with a complete copy of the MSAG via CD Rom which is usable with personal computers, free of charge, once each year. Quarterly updates for each state are available for an additional charge. BellSouth shall cooperate with Supra Telecom to ensure the accuracy of information about Supra Telecom Customers in the MSAG and shall assist in resolving any errors. If BellSouth discovers an error in the MSAG, BellSouth shall notify PSAPs and Supra Telecom of any errors in the MSAG concerning Supra Telecom Customers.

11.3.7 Other

11.3.7.1 BellSouth shall provide Supra Telecom with 10-digit emergency telephone numbers for operator handling of emergency calls, at least equal in quality and functionality with the provisions of such information to itself.

11.3.8 Technical References

11.3.8.1 BellSouth shall provide 911 Arrangements to Supra Telecom based upon modified NENA 2 Recommendations.

11.3.9 Rates. Charges for 911/E911 service are borne by the municipality purchasing the service. BellSouth will impose no charge on Supra Telecom beyond applicable charges for BellSouth trunking arrangements.

11.3.10 The 911 and E911 functions provided to Supra Telecom shall be at least at parity with the support and services that BellSouth provides to its end users for such similar functionality.

11.3.11 Detailed Practices and Procedures. The detailed practices and procedures contained in the E911 Local Exchange Carrier Guide For Facility-Based Providers as amended from time to time during the term of this Agreement will determine the appropriate practices and procedures for BellSouth and Supra Telecom to follow in providing 911/E911 services.